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DESCRIPTORS: *Soils, *Ion exchange, Soil mechanics,
Chemical analysis.

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17refs. CNRS-VII [2].
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Trans. in: *Brezh. o. Fiz.-mat. vedeinie* (USSR) 194
no. 6, p. 15476.

DIALOGUE: Aluminates. Silicon-potassium
Hydrogen Fluoride. Exchange reactions. Silicate
Surfaces. Metals.

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p. 159-179.

DESCRIPTORS: *Plants, *Soils, Decomposition,
*Quartz, *Rock, *Geology, *Minerals, *Decomposition,
Quartz, Gels, Organic acids, Earth.

As the exchangeable bases in the soil are replaced
with hydrogen ions, part of the latter enters reversibly
and can be replaced with cations of salts. The other
part of the hydrogen ions enters irreversibly. In the
reversible replacement of hydrogen ions, a partial
(Agriculture, T T v. 7, no. 2) (over)

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III. National Science Foundation, Washington, D. C.

Q14 9097159

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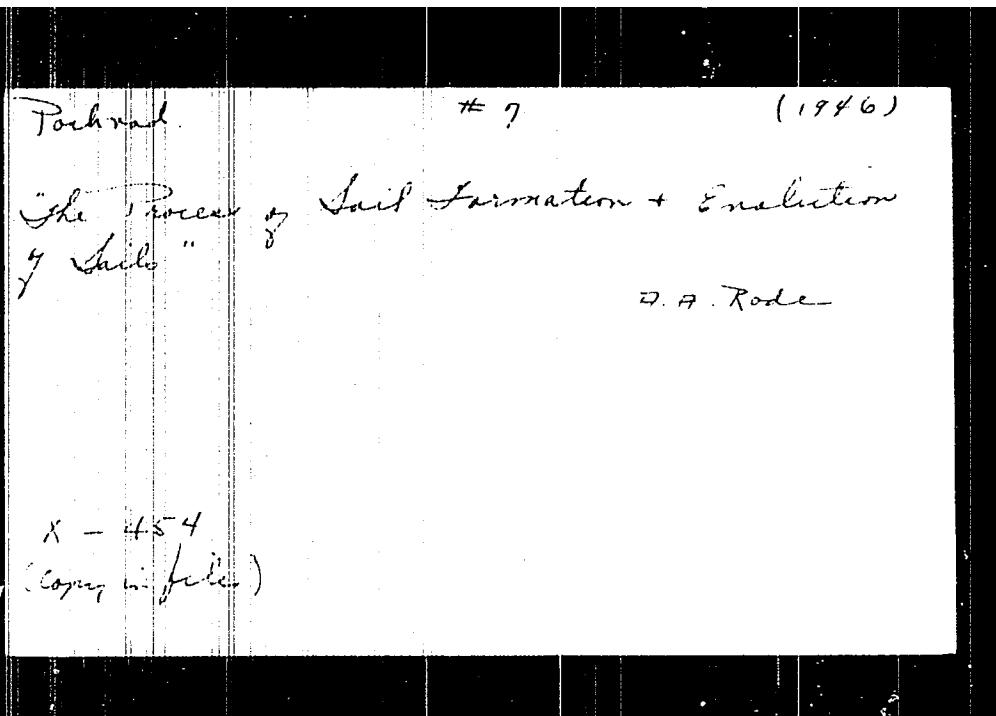
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